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Data transmission and reception device and system, data transmission method and parameter setting method for data reception device

T Ezaki, J Hirai, ... - US Patent 6,263,506, 2001 - Google Patents

... 17,2001 (54) **DATA TRANSMISSION AND RECEPTION DEVICE AND SYSTEM, DATA TRANSMISSION METHOD AND PARAMETER SETTING METHOD FOR DATA RECEPTION DEVICE** (75) Inventors: Tadashi Ezaki; Jun Hirai, both of Tokyo; Teruhiko Kori, Kanagawa, all ...

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Method and apparatus for the formatting of data for transmission

R Padovani, EG Tiedemann Jr, LA Weaver Jr, ... - US Patent ..., 1996 - Google Patents

... 2,1996 (54) **METHOD AND APPARATUS FOR THE FORMATTING OF DATA FOR TRANSMISSION** [75] Inventors: Roberto Padovani; Edward G. Tiedemann, Jr.; Lindsay A. Weaver, Jr., all of San Diego; Brian K. Butler, Cardiff, all of Calif. ...

Cited by 139 - Related articles - All 6 versions

System and method for computer data transmission

A Menezes, S Mathur, ... - US Patent 5,473,691, 1995 - Google Patents

... 5, 1995 Sheet 11 of 11 Start 320 > f Write Out C-Structure Part Of Header > f Delinearize Extended Header And Place Fields In The Message 322 324 Does igital Signature ... 5,473,691 SYSTEM AND METHOD FOR COMPUTER DATA TRANSMISSION TECHNICAL FIELD 5 ...

Cited by 55 - Related articles - All 3 versions

Configuration for data transmission in a semiconductor memory system, and relevant data transmission method

G Braun, ... - US Patent App. 10/264,773, 2002 - Google Patents

... routines are often needed for this purpose the testing time is increased, which has a detrimental effect on the cost **structure**. ... invention to provide a configuration for **data transmission** in a semiconductor memory system, and a relevant **data transmission method**, that overcome ...

Cited by 45 - Related articles - All 4 versions

A practical discrete multitone transceiver loading algorithm for data transmission over spectral shaped channels

PS Chow, JM Cioffi, ... - IEEE Transactions on, 2002 - IEEE Xplore

... JAC Bingham. Multicarrier Modulation for **Data Transmission**: An Idea Whose Time Has Come. IEEE Communications Magazine, 28(5):5-14, May 1990. ... [7] D. Hughes-Hartogs. Ensemble Modem **Structure** for Imperfect **Transmission** Media. US Patents Nos. ...

Cited by 721 - Related articles - BL Direct - All 3 versions

System and method for automatic data file format translation and transmission having advanced features

SS Ogawa, ... - US Patent 5,608,874, 1997 - Google Patents

... 4, 1997 (54) **SYSTEM AND METHOD FOR AUTOMATIC DATA FILE FORMAT TRANSLATION AND TRANSMISSION HAVING ADVANCED FEATURES** [75] Inventors: Stuart S. Ogawa, San Francisco, Calif.; Kevin R. Pierce, Fairview, NJ. ...

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Method supporting the quality of service of data transmission

J Mikkonen... - US Patent 6,501,741, 2002 - Google Patents

... **QUALITY OF SERVICE OF DATA TRANSMISSION** The present invention relates to a **method** as set ... The TCP and the UDP are involved with preventing and correcting **data transmission** errors in the **data** transmitted in the Internet; the IP is involved with **data structure** and routing ...

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Power-efficient sensor placement and transmission structure for data gathering under distort constraints

D Ganesan, R Cristescu... - ACM Transactions on ..., 2006 - portal.acm.org

... that there are compelling reasons for understanding the interactions between node placement and the **data** and **transmission** structures, and ... 1 where the Voronoi cells represent the distortion, and the dotted lines describe a possible tree **structure** to be used for **data** gathering ...

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Voice and data transmission over an 802.11 wireless network

MA Visser... - ... PIMRC'95: Wireless: Merging onto the ..., 2002 - ieeeexplore.ieee.org

... The basic access **method** employed by the DCF is shown in figure 1. The various Inter Frame Spaces (IFS) are used to ... We, therefore, conclude that under the current conditions the Superframe **structure** operates poorly for both the voice and the **data transmission**. ...


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Adaptive maximum-likelihood receiver for carrier-modulated data-transmission systems

G Ungerboeck - Communications, IEEE Transactions on, 2002 - ieeeexplore.ieee.org

... be regarded as attempts to avoid, by nonlinear processing **methods**, noise enhancement ... The general **structure** of the maximum likelihood receiver (MLR) is outlined in ... MODULATION SCHEME We consider a synchronous linear carrier-modulated **data-transmission** system with ...

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